SINOTEC

MD-001

DVD MINI COMPONENT SYSTEM

USER MANUAL

FOREWORD

Thanks

Dear Customer,

May we take this opportunity to thank you for purchasing this unit. We strongly recommend that you read this User Manual carefully before attempting to operate the unit and that you note the listed precautions.

1. Ensure a minimum distance of 5cm around the apparatus for sufficient ventilation.
2. The ventilation should not be impeded by covering the ventilation opening with items, such as newspapers, table-clothes, curtains, etc.
3. No naked flame sources, such as lit candles should not be placed on the apparatus.
4. Where the mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
5. The apparatus should not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, should be placed on the apparatus.
6. The batteries should not be exposed to excessive heat such as sunshine, fire or the like.
7. The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
8. ⧈ This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.
9.

This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user of the presence of non-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

Warning: To reduce the risk of electric shock, do not remove the cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance in the literature accompanying the appliance.

TROUBLE SHOOTING

For your convenience, we have listed some methods to solve common problems you may encounter when using this system. If the problem is not solved please contact the nearest service center.

Fault type	Possible Cause	Possible Solution
Power supply does not work	Power plug is not fully inserted into the sockets	Fully insert the power plug into the socket
Remote does not work	The batteries are exhausted	Replace them with new ones
	The remote control unit is not directed at the remote control sensor	Please aim at the remote control correctly
No image on the TV screen	The unit is not connected properly	Reconnect the system according to the illustration
	TV is not set in the video mode	Set the TV in video mode
	The scanning mode does not match to the TV scanning mode	Reset the scanning mode
Play is unavailable	No disc	Insert a disc
	Inversed placement of disc	Replace the disc with the picture upward
	Disc is not compatible for this device	Use a compatible disc
No sound from speakers	Audio wire is not connected correctly	Connect the audio wire correctly
	Wrong operation with amplifier	Operating the amplifier referring to the illustration
Discontinuous sound or distorted pictures	Disc is not clean	Replace with a clean one or clean the disc with a soft cloth
	Disc is scratched	Replace with a new one
	Disc is distorted	
Invalid display on the screen	Operation incorrect	Please refer to the user manual

SPECIFICATION

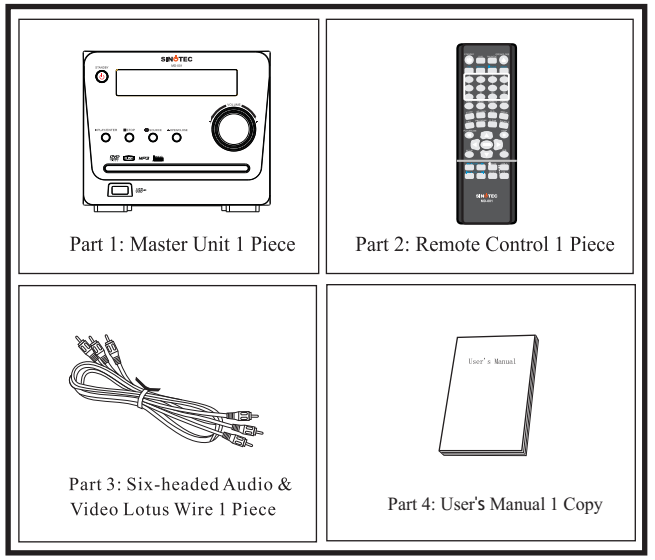
Disc type	DVD DVCD VCD SVCD CD CD-R MP3 MPEG4
Video format	MPEG2 for DVD, and MPEG1 for VCD
Audio format	MPEG1, MPEG2, STEREO
Signal output	Video format: NTSC, PAL, AUTO Video output: 1.0Vp-p
Output joint	L/R audio output, Video output, and Coaxial output
Input joint	USB
Power supply	AC~240V/50Hz
Max power	20W
Frequency	20Hz-20KHz ±3dB
S/N ratio for audio signal	⩾80dB Weight A
Operation condition	Temperature : 5℃~35℃ Installation : on the flat horizontal surface

NOTE :
In most cases, for the DVD player to work correctly it depends on the disc you are trying to play. Some features listed in the instruction manual may not work properly due to disc problems.

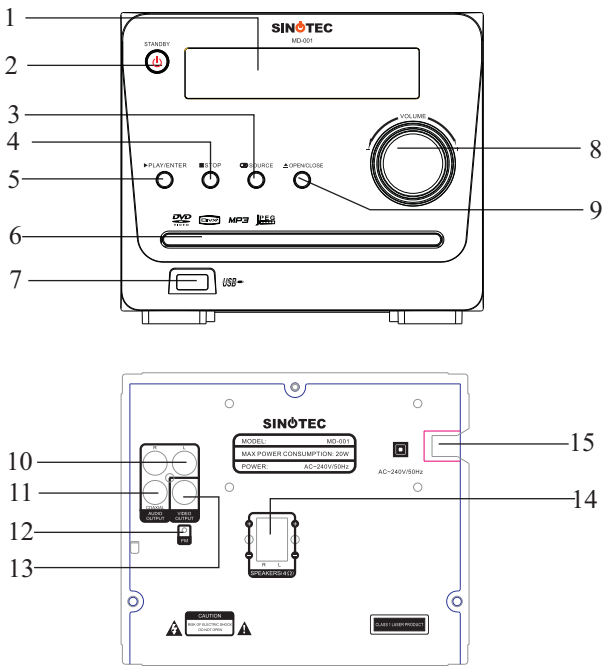
CONTENT

FOREWORD.....1
CAUTIONS.....2
LIST OF MAIN PARTS.....2
PANELS.....3
REMOTE CONTROL.....4
CONNECT TO THE TV-SET.....5
CONNECT TO THE AMPLIFIER.....6
SYSTEM CONNECTION.....7
BASIC OPERATIONS.....8-14
MENU SETUP.....15-19
RADIO OPERATION.....20
SPECIFICATION.....21
TROUBLE SHOOTING.....22

LIST OF MAIN PARTS


Part 1: Master Unit 1 Piece
Part 2: Remote Control 1 Piece
Part 3: Six-headed Audio & Video Lotus Wire 1 Piece
User's Manual
Part 4: User's Manual 1 Copy

PANELS



1. DISPLAY SCREEN
2. STANDBY
3. SOURCE
4. STOP
5. PLAY/ENTER
6. DISC TRAY
7. USB PORT
8. VOLUME+/-
9. OPEN/CLOSE
10. L/R AUDIO OUTPUT
11. COAXIAL OUTPUT
12. FM ANTENNA INTERFACE
13. VIDEO OUTPUT
14. L/R SPEAKERS
15. POWER SUPPLY INPUT

RADIO OPERATION

1. Enter FM Function
   In the turn-on or playing status, press the FM button on the remote control to enter FM mode.

2. Select Bands
 1) Directly input frequency: press the T/F button on the remote control, then input the frequency that you want. The range of FM frequency is from 87.50MHz to 108.00 Mhz.
2) Select the band by pressing Tune- or Tune+ button: press this button to adjust the frequency up or down a step. The step of FM is 0.05 MHz.

 3) Select saved stations by pressing a number buttons. For example: press 10+ button twice, 5 button once, you may select the 25th saved station. Press the CH- or CH+ button to switch the previous or next band.

 4) Automatically search bands: press the SEARCH button, this system starts searching bands from low to high frequency automatically. The searched bands are saved automatically. Press this button again to stop searching.

3. Save Bands
   Press the SAVE button to save the current frequency of band. For example: if you want to save 99.30 MHz in 28th cell, press 10+ button twice and 8 button once, press T/F button to input 9 9 3 0, then press the SAVE button.

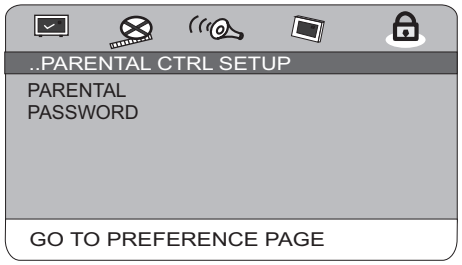
4. Soundtrack Selection
   To select Mono or Stereo while in FM mode, press MO/ST button. When you select stereo, the display shows a stereo signal. If the signal is not strong enough, you cannot select Stereo.

5. Exit FM mode
   Press the DVD button to exit FM status and switch to other modes.

(NOTE: you may adjust the best radio effect by adjusting the FM antenna.)

MENU SETUP

Preference Setup Page



(This setup page is available while in “Eject” or “No disc” status)

1. Parental

This unit has 8 different age rating that can be selected. Move the cursor to select one of them, then press “Play/Enter” button on the remote control to enter. You are reminded to input the password.

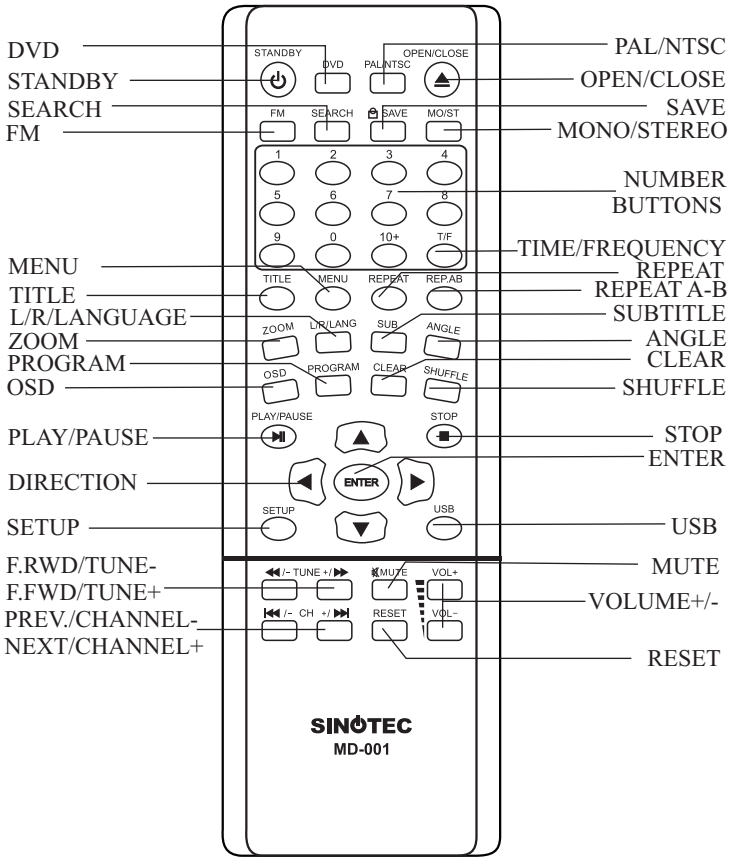
2. Password

The original password of this unit is “1389” and you can change it to a new one.

REMOTE CONTROL

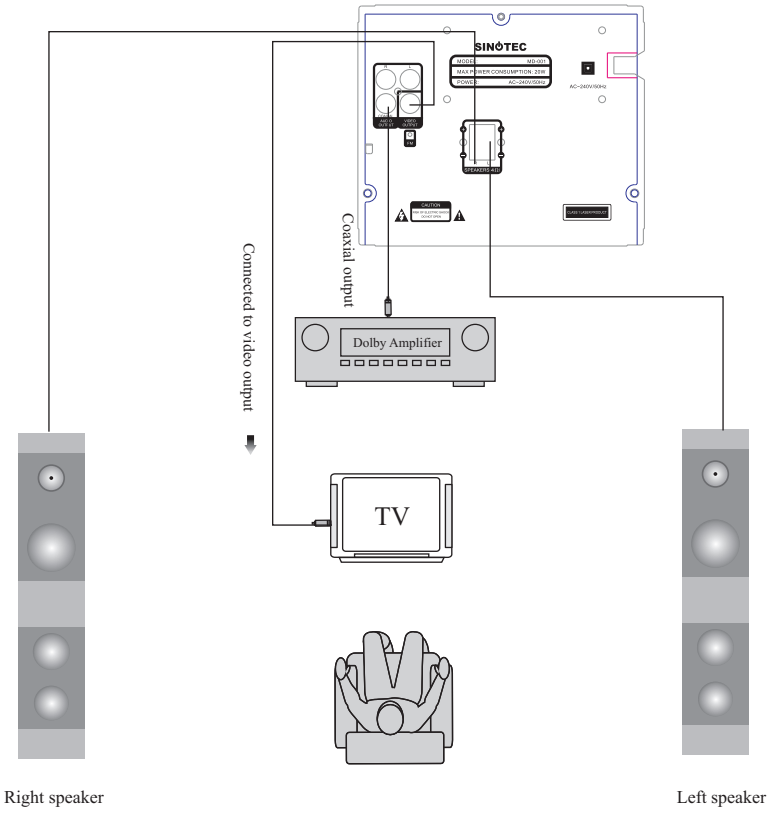
NOTE:

1. Turn on the player, insert the batteries into the remote control, and direct the remote control at the remote sensor on the front panel.
2. The distance of remote control should not exceed 7 metres, or else, it will be invalid.
3. If the remote control sensor or IR-radiator is closed, the remote control will not operate or there will be an interference.
4. Interference from the high tension appliances, generating high frequency signal can strongly influence the operation of remote control.



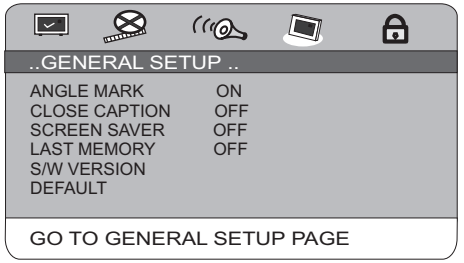
CONNECT TO AMPLIFIER

Digital audio output setting
Connect coaxial output of the player to the corresponding inputs of the amplifier.
When a disc is in play or stop mode, press the SETUP button on the remote control to open the DVD MENUsetup. Use direction buttons to move to the audio setup page.
Move the cursor to DIGITAL AUDIO SETUP, select the digital output and set SPDIF/ RAW or SPDIF/PCM. Then press the ENTER button to save the selected value.
To exit the setup menu, press the SETUP button again.



MENU SETUP

4.General Setup



1. Angle Mark

When the disc has multi-angle pictures, setting the Angle Mark displays a multi-angle mark on the screen. This option has two settings:
ON: Display multi-angle mark
OFF: Multi-angle mark is not displayed

2.Close Caption
When playing a DVD, set this option to OFF to close the caption, choose the ON option to open the caption.

3. Screen Saver
To set screen saver on or off.

4. Last Memory
When the option is set to “ON”, the system remembers the played discs contents.
The disc content is not remembered when the “OFF” option is selected.
Note: It is only available for VCD/DVD disc.

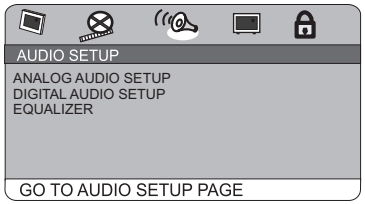
5. Version (Software Version)
This option is used to display the model of this unit.

6. Default

While in “EJECT” or “NO DISC” status, this option is chosen to reset the DVD player`s original setup.

MENU SETUP

3. Audio Setup Page



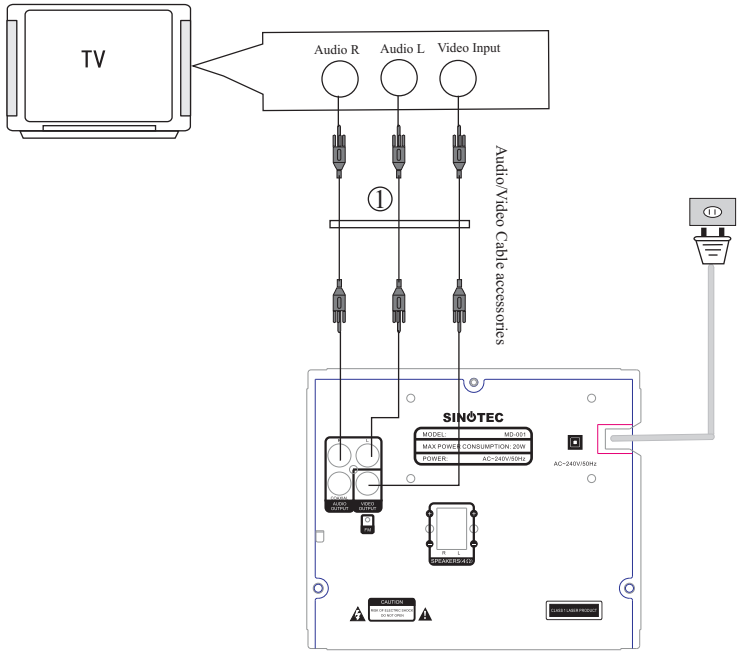
1. Analog Audio Setup
   a) Downmix
      LT/RT: audio output from Left and Right channel
      Stereo: stereo audio output
   b) Dual Mono
      This option is used to set the mode of audio output, including L-Mono, R-Mono, Mix-Mono and Stereo.
   c) Dynamic
      This option is used when Line output is selected for the compression mode. Linear compression ratio is adjusted to acquire different compression effects.

2. Digital Audio
   a)Digital Output
      When playing the audio or MPEG discs, coaxial terminal will be output in SPDIF/ RAW format. Meanwhile the connected amplifier must be able to decode the DIGITAL or MPEG format.
      SPDIF/PCM may be selected when the player is connected to a 2CH digital stereo amplifier.
   b) LPCM Output
      LPCM (linear pulse code modulation) is a non-compressed audio digital technology. There are two output modes: 48KHz, 96KHz.

3. Equalizer
   1) Sound Mode
      This option is used to select the different sound balanced effects, such as OFF, ROCK, POP, LIVE, DANCE, TECHNO, CLASSIC, SOFT.
   2) Bass Boost
      It is used to adjust the sound effect of Bass boost to ON or OFF.
   3) Super Bass
      ON: sets the super bass on, and adjusts the super bass effect.
      OFF: sets the super bass off.
   4) Treble Boost
      ON: sets the treble boost on and adjusts the treble effect.
      OFF: sets the super treble boost off.

CONNECT TO THE TV-SET

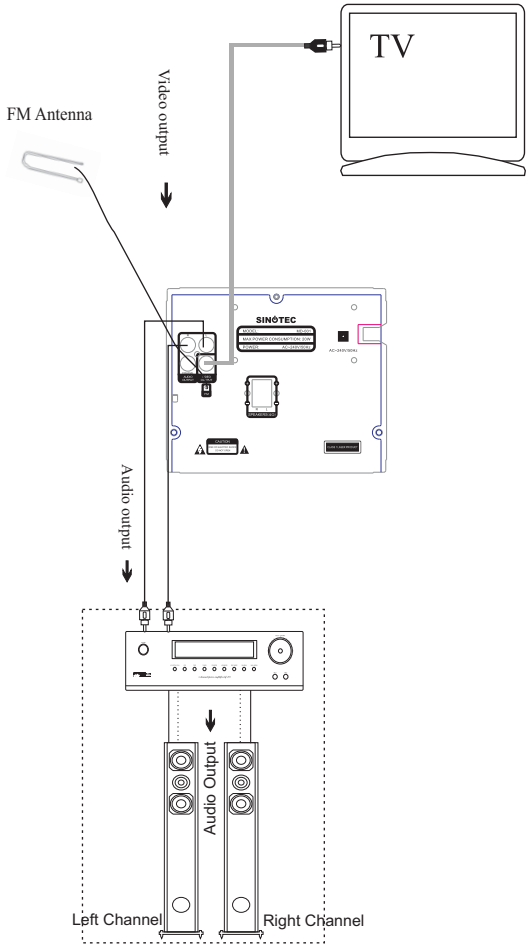
If your TV-set has an AV input, use the AV cable to connect the player to the TV-set. Afterwards make sure the connection is right; by selecting AV status for your TV-set.



NOTES:
1. Before connecting the player to the TV-set; turn off and unplug both units.
2. When a disc is being played, we recommend changing the settings of the player in order to make it compatible with the TV-set.
3. You can connect the player to the TV-set in different ways. Choose only one of them as multiple connections negatively influence the source and picture quality.

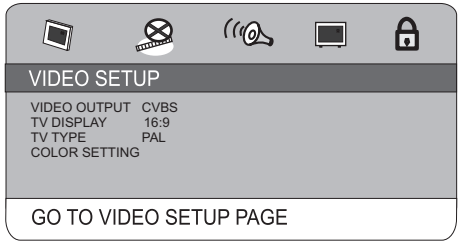
SYSTEM CONNECTION

Before connection of acoustic equipment, pay attention to the picture below.
Each connection must be safe and firm. Only connect the power cable after you have finished all the connections.



MENU SETUP

2. Video Setup Page



1. Video Output
This option is used to set the video output mode: CVBS.

2. TV Display (4:3PS, 4:3LB,16:9)

1) No matter which format you select, if the screen is a 4:3 display, the image will be displayed in 4:3.
2) The DVD screen format can be changed.
3) When the screen displays in 4:3 and the display format of the DVD is 16:9, the image will be compressed horizontally.

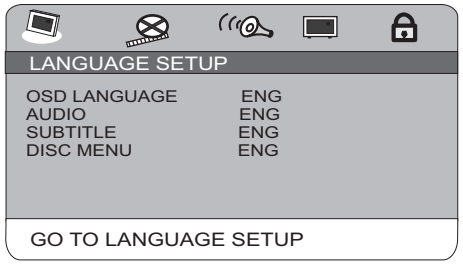
3. TV Type
This system supports the following formats: PAL, NTSC, AUTO.

4. Color Setting
You can adjust the video output of sharpness, brightness, contrast, gamma, hue, saturation according to your favor.
The adjustable range of sharpness is: High, Medium and Low.
The adjustable range of brightness is: +/- 20 (default is 0).
The adjustable range of contrast is: +/- 16 (default is 0).
The adjustable range of hue and saturation are: +/- 9 (default is 0).
The adjustable range of gamma is: High, Medium, Low and None.

MENU SETUP

Press SETUP button on the remote control to open the menu setup function, the TV screen will display the figure below. Press Left/Right direction buttons to move the cursor to the different setup pages; Also press the direction buttons to move cursor to the item you want, then press ENTER button again to enter the subdirectory.

1. Language Setup Page



1. OSD Language

This option is used to select the language of all the screen displays and setup menus. You can set OSD language to English.

2. Audio (Language)

When playing DVD discs, the player will automatically play the default language of the disc. This unit can play such languages as: English, Spanish, French, German, Thai and Others.

3. Subtitle (Language)

When playing DVD discs, the player will automatically play the default subtitle language of the disc. This unit can play the following languages as: English, Spanish, French, German, Thai and Others. You can select any one as the subtitle language or you can choose to close it.

4. Disc Menu (Language)

This unit has the following menu languages available: English, Spanish, French, German, Thai and Others.

BASIC OPERATIONS

Preparation

1) Before turning on the unit, check that all the connections are correct and safely inserted the plug in the corresponding power socket.
2) To open the disc tray, press the OPEN/CLOSE button on the remote control or the front panel of the unit. Put the disc on the disc tray and press the OPEN/CLOSE button again. The player will start loading and then playing the disc automatically.

Mute button

If you press the MUTE button while playing, sound signal will not be heard, but the picture will remain. Press the MUTE button again or the VOL+/- buttons to resume the previous volume level.

Select channel/language

While a VCD or a CD is playing, press the L/R/LANG.button to select one of the playing modes: Mono L, Mono R, Mix-mono and Stereo. Press the button once to switch to channel modes.
While a DVD is playing, use the L/R/LANG button to select sound language. (Provided that a DVD- disc supports this function).

State indication

While playing a disc, press the OSD button and the following information will appear on the display screen:
CD items: single elapsed, single remain, total elapsed, DR(directory remain).
VCD items: single elapsed, single remain, total elapsed, DR(directory remain), display off.
DVD items: title elapsed, title remain, total elapsed, total remain, display off.

Fast Forward and Rewind

While playing a disc, press the ◀◀ or ▶▶ button to fast forward and fast rewind.
The speed changes in the following way:
Fast Forward: 2 times faster, 4 times faster, 8 times faster, 16 times faster, 32 times faster, play.

Fast Rewind: 2 times faster, 4 times faster, 8 times faster, 16 times faster, 32 times faster, play.

Previous and next

While playing a disc, press the PREV. button to go to the previous song or the NEXT button to go to the next song.

Subtitle

If a DVD supports subtitle languages, use the SUB. button to select one of the several languages: English, Spanish, French, German, Thai and Others.

BASIC OPERATIONS

Repeat

While in play mode , press the REPEAT button to set repeat mode.

1. For DVD, as you press the REPEAT button, the TV screen will displays: Chapter, Title, All.
2. For VCD, CD, CD-R discs, press the REPEAT button, the screen will displays: Track, All.
3. For MP3, JPEG and other media files, the screen will displays: Single, Repeat one, Repeat Folder, Repeat off.

A-B Repeat

While in play mode, press the REP. AB button to set the section for repeating.

1. Press the REP.AB button once at the beginning of the section (A).
2. Press the REP.AB button at the end of the section (B). Section AB will automatically be repeated.
3. Press the button again to exit.

Standby mode

To switch the unit to the standby mode, press the STANDBY button on the remote control or on the front panel. Press it again to turn on the unit.

Title

If a DVD contains a directory volume, press the TITLE button to display the list of titles in this disc. Use the direction button to move the cursor or digital buttons to select the items that you want to play.

Volume setting

Press the VOL.+/-buttons to turn the volume up or down.

Stop

In play mode, press the STOP button once, the player will stop playing; the stop position will be memorized. Press the ENTER button to continue playing from the stop point.
If you press the STOP button twice, the stop position will not be memorized, press the ENTER button, play will start from the beginning.

Play/ Pause

While playing a disc, press the PLAY/PAUSE button to pause, press the button again or ENTER button to continue the playing.

Reset

In No Disc status, pressing the RESET button will return you to the original setup or the default value.

BASIC OPERATIONS

USB

It is possible to listen to the Audio and watch Video/JPG files using the USB device of this unit. Before operating, please switch to the DVD mode first.

1. Connect the USB device to the unit.
2. Press the USB button on the remote control, the player will automatically detect the device. If the device is found, the player will automatically start playing its content or menu of the device.
3. Press MENU to display the File browser. Press the direction buttons to select the files you want and press ENTER to start playing.
   Note: The method of playback for files which are saved on a media device is the same as it is for other discs. For more information, see BASIC OPERATION.
4. Press DVD, FM button to other modes.

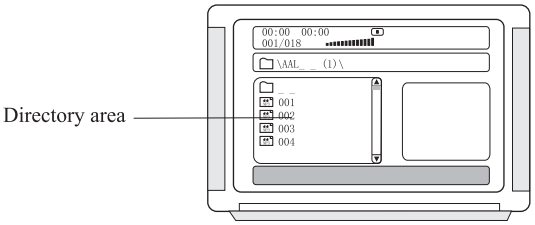
Note:

1) USB-Extension cable should have a max. length of 0.5 m.
2) Depending on the amount of data and media speed, it may take longer for the system to read the contents of the media device. In some cases, reading time may be as long as 60 seconds. This is not a malfunction.
3) Even when the files are in a supported format, some may not play or display depending on the content.

BASIC OPERATIONS

MPEG4/JPEG playback

1. Put a MPEG4/JPEG-disc in the slot, and close the disc tray.



2). Press the direction button ▲ ▼ to move the cursor to the corresponding directory, press the ENTER button to enter the next layer, and so on, until the desired picture is found.
3). Number buttons or ⏮ ⏭ button can be used to select pictures.
4). While playing JPEG files:
a. Press the ZOOM button and then press ◀◀ ▶▶ buttons to zoom into the picture;
b. Press the navigation buttons ◀ ▶ ▲ ▼ to flip or rotate an image;
c. Press the MENU button to return to the root menu. Use the direction button to choose the content you want and press ENTER to play.
5). While playing, press the STOP button, it will go back to the root menu.
6). After you go into the subdirectory whilst playing a MPEG4 disc, while playing MPEG4 disc, you can also select functions such as fast backward, fast forward, pause etc.

DVD title menu selection

DVD`s with more than one movie, background data, and /or songs are given the name TITLE, while more sections are displayed under each TITLE, called Chapters. Chapters can contain musical or video clips. While playing a DVD, press the TITLE button, and the TITLE menu appears on the TV screen. (Available for DVDs that contain more than one title menu.)
Press the direction buttons to move the cursor to the desired title menu, then press the ENTER button to play it. If the title menu is represented by numbers, then press the numeric buttons to select it directly.

BASIC OPERATIONS

Menu

While playing a VCD, press the MENU button, PBC current state view mode will be opened/close.
Note:
1. While playing a DVD, press the MENU button to go into the Root menu status.
2. Some pirate discs do not support this function.

Angle view selection

In play mode, press the ANGLE button to switch angle view(Only supported by some discs).

Number buttons

While playing audio files, press the digital button to input the number of the required track.
If the number of the track consists of two digits, press the 10+ button, then input the second digit of the number. For instance, input16, press the 10+ button and then press the 6 button.

Direction buttons

Press the direction buttons to move the cursor .

Enter

Press this button to enable the selected items.

PAL/NTSC

Press P/N button to switch TV system output from one of the following: PAL, AUTO, NTSC.

Zoom

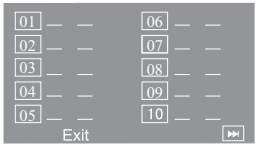
While in play mode , press the ZOOM button. The image on TV screen will be zoomed in 2 times, 3 times, 4 times,1/2times, 1/3times, 1/4times.

Shuffle

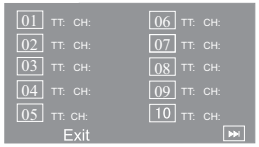
While in play mode, press the SHUFFLE button. The tracks will be played in random mode. Press this button again to cancel this function.

Program

- While playing a VCD or a CD, press the " Program "key. The TV screen shows:



- While playing a DVD, press the " Program "key The TV screen shows:



1. If the player is in the PBC ON status, while playing the programmed songs, this operation will result in the PBC turning off.
2. Input the number that you want at the selected cursor point; move the cursor to START, and press the ENTER button. The songs will play in the specified order.
3. While programming, press the CLEAR button to eliminate the digitals that you input.
4. To cancel programmed play: Press the PROGRAM button again, the cursor will move to STOP automatically; press ENTER button, the cursor move to EXIT automatically; press ENTER again to cancel programmed play.

Mode selection

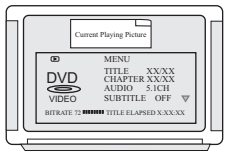
Press the SOURCE button on the front panel to select different modes: DVD, USB or FM. Or you can press the DVD, FM or USB button on the remote control to enter related mode.

Time selection

In play status, press T/F button, the TV screen displays the data of playing disc. Such as:

VCD disc display:

DVD disc display:



1)There are 5 items on the VCD screen: Title, Disc time, Track time, Repeat, Time DISP (Display)
2)There are 9 items on the DVD screen: Title, Track, Audio, Subtitle, Angle, TT(Total) time, CH(Chapter) time, Repeat, Time DISP(Display).

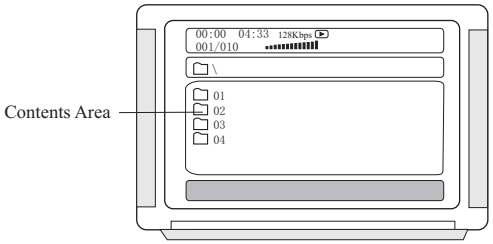
Press the ▲ or ▼ buttons to move the cursor to the item you want to set, then press ENTER to confirm and use the number buttons to input the corresponding numbers. After it is done, the DVD player will start to play according to the setting.

CD disc display:	MP3 disc display:	MPEG4 disc display:
Disc time:--:--	---/xx	SELECT:---
Track time:--:--	--:--	GOTO:-:--:--
Select track:--:xx		

While playing CD or MP3, press T/F button to switch between the “Time Selection (current song/chapter)” and “Song/Chapter Selection”; then input the digital you want. The system begins playing from the specified time/song/charpter.
Note: The optional time range depends on the volume of discs.

Mp3 disc play function

1. Press the OPEN/CLOSE button on the front panel or the remote control to open the disc tray. Insert a MP3 disc and press the OPEN/CLOSE button again to close disc tray. The system will read the disc and the TV will display the following picture:



2. Press the up/down direction buttons to move the cursor to a directory, then press the ENTER button to enter the directory.
3. Move the direction buttons in the subdirectory or the file area, select a song with the cursor, then press the ENTER button to play the song.

- To select other songs under the current directory while playing, press up or down direction buttons or the PREV. /NEXT buttons.
- To change directories while playing, press the left direction button to move the icon to the directory symbol, press the up/down buttons to select other directories, then press the ENTER button.
- While playing you can use such options as fast forward and rewind, pause, stop, ect.